



Department of Commerce

Safety & Buildings Division

201 West Washington Avenue

P.O. Box 2658

Madison, WI 53701-2658

Evaluation # 200201-A

Wisconsin Building Products Evaluation

Material

Modular Coffee (Expresso) Building
Midtown Unit 8'x20'

Manufacturer

Shawn Huddleston Construction, Inc.
2001 Foothill Blvd. E-9
Grants Pass, OR 97526

SCOPE OF EVALUATION

The Espresso building (Midtown Unit 8'x20'), manufactured by Shawn Huddleston Construction, Inc., has been evaluated in accordance with ss. **Comm 50.07(1), 50.12(1)(a)1., 50.12(3)(a) and (b), 50.19(1) and (4), 50.21(6), Table 51.03-A, 51.03(8), 51.15(1) through 51.15(5), 52.24, 53.10, 53.11(1), 53.12, 53.60, 53.61(1), (5), and (7), 53.62, 54.02(2)(e), 54.06(1), 54.12(2), 54.15(3), 63.10, 63.165, 69.02** of the current edition of the Wisconsin Administrative Building And Heating, Ventilating And Air Conditioning Code. The unit is approved for use in the State of Wisconsin subject to the limitations and use described in this evaluation. This evaluation does not include review under the International Code for compliance.

DESCRIPTION AND USE

The Espresso building (Midtown Unit 8'x20'), width is 8'-0" and the length is 20'-0". The structure is **Type 8** – Wood Frame Unprotected (s. **Comm 51.03(8)**) construction without an approved automatic fire sprinkler system protection.

CONSTRUCTION SPECIFICATIONS FOR THE
EXPRESSO BUILDING (MIDTOWN UNIT 8'X20'

FLOOR PLAN

TESTS AND RESULTS

Signed and sealed structural calculations (Kenna Clay Jordan #18053, Oregon), were submitted and are on file with the department.

LIMITATIONS OF APPROVAL

Plan Review and Inspection:

Certified municipalities may conduct plan review and on-site inspections of each individual project for buildings less than 50,000 cubic feet located within their jurisdiction.

This approval does not require in-plant inspections, however, municipalities may require verification as they deem necessary, of concealed work being in compliance.

Manufactured non-residential buildings must comply with possibly varying local requirements in addition to state codes. Subject to local regulations, construction may proceed except for those conditions listed below. The owner, as defined in **Chapter 101.01(2)(e)**, Wisconsin Statutes, is responsible for compliance with all code requirements. The owner shall notify the state building inspector and local officials before taking possession of the building.

This evaluation is **limited** to the building size described in the DESCRIPTION AND USE section and the plans included in this evaluation. The building must be constructed in accordance with the design concept detailed herein. (See SUBMITTAL REQUIREMENTS in this evaluation)

In accordance with **s. Comm 50.15** one set of plans bearing the appropriate stamp of approval shall be kept at the building site.

In accordance with **Comm Table 51.03-A, Table 54.01-1, and s. Comm 51.03(8)(d)** this building shall not be located less than 10 feet from any property line or buildings on the same property. The building shall also have one exit that egresses to at least one street complying with **s. Comm 51.01 (124)**. **The inspector shall field verify.**

Structural Requirements:

This evaluation and included plans are designed for 40-pound snow loading.

Section Comm 53.16(1) and s. Comm 53.12(3): The designer has advised what the building anchorage can be and is minimal (see plans). Foundation and the building anchorage are not included in this approval. One of three options can be considered: no wind, design loads or standard anchorage will be reviewed on a site-by-site basis.

The Espresso building's structural steel floor framing shall comply with the requirements of **s. Comm 53.53** and the wood requirements shall comply with the requirements of **s. Comm 53.60, 53.61(1), (5), and (7), and 53.62**.

Per **s. Comm 53.63(7)**: The 2x bottom plate and 1-1/8" thick tongue and groove plywood floor shall be adequately ventilated or treated with a preservative complying with the requirements of this section.

Barrier-Free Requirements:

The Espresso building shall comply with the barrier-free requirements of: **Sections Comm 69.02, 69.03(1), 69.045, 69.05, 69.06(1), 69.07, 69.09, 69.11, ADAAG 4.1.1(3), ADAAG 4.13.9 of Comm 69 Appendix A, 69.16(2) ref. ADAAG 4.1.2(5), 69.18(1) ref. ADAAG 4.1.3(12), (13), 69.22 ref. ADAAG 4.2.1, 4.2.2 & 4.2.3, 69.23(2) ref. ADAAG 4.3.7, 4.3.8 & 4.3.9, 69.25, 69.26, and 69.29**.

In accordance with **ss. Comm 52.50 through 52.64, 54.12(2), 69.20, ref. ADAAG 4.1.6(1)(b), 4.1.3(10) and (11), 4.15 through 4.19, 4.23, and 4.26**: Toilet rooms shall be provided at or near the site on the same parcel during all business hours. A letter shall be submitted to the local building inspection department: This letter shall be an agreement between both parties (Espresso building owner and toilet room provider), as to toilet room arrangements. The location of the toilet room facilities shall be indicated on the plot plan. **The building inspector shall field verify.**

In accordance with **ss. Comm 69.18 ref. ADAAG 4.1.6, 4.1.2, and 4.14.1**: An accessible route shall connect the building to the parking, including ramps/stairs and handrails complying with **4.8 and 4.26**, if required, to accommodate changes in grade. **The building inspector shall field verify.**

Thermal Performance Requirements:

Thermal performance of the Espresso building (Midtown Unit 8'x20') shall be in accordance with **s. Comm 63.165** as required by **s. Comm 63.14(3)**.

Section Comm 50.12(3)(b): Per Shawn Huddleston Construction, Inc., R-11 (Kraft Faced) insulation shall be in the walls and R-21 (Kraft Faced) insulation shall be in the ceiling. This information is not included on the drawings. The designer/ Shawn Huddleston Construction, Inc. shall ensure that members and elements used in the calculations are provided in the construction. To meet minimal thermal performance in accordance with **s. Comm 63.165** as required by **s. Comm 63.14(3)**, a minimum of R-10 insulation shall be installed with a vapor barrier below the 1-1/8 thick Tongue-Groove Plywood floor.

If insulation used is foam plastics, a 15-minute thermal barrier complying with **s. Comm 51.06** shall be provided.

General Requirements:

Per **s. Comm 51.22**, in accordance with **s. Comm 54.15(3)**: Fire extinguishers are not indicated on the plans but, shall be provided in the quantities, ratings and distances required in the code.

Recycling space shall be provided in accordance with **s. Comm 52.24**.

This evaluation is for single unit module only. Approval of modules made up of more than two units must be obtained independently in accordance with **s. Comm 50.12**.

The Espresso building (Midtown Unit 8'x20'), if connected to an existing building shall be separated by class of construction separations as specified in **s. Comm 51.02 (20)**.

This evaluation and included plans have **not** been reviewed for conformance to the Electrical Code **Chapter Comm 16**. The electrical work shall comply with the Wisconsin Electrical Code (**Chapter Comm 16**) and the National Electrical Code in accordance with **s. Comm 52.20**. This evaluation does not include exterior and interior lighting power.

These plans have not been reviewed for conformance to the Wisconsin Plumbing Code **Chapter Comm 81-85**. The plumbing shall comply with the Wisconsin Plumbing Code (**Comm 81-85**). All plumbing work shall be done on-site by Wisconsin licensed plumbers and open for local inspection. If more than sixteen fixtures are installed, state review and approval shall be done.

Submittal Requirements:

Plans submitted for individual site approval of the Espresso building (Midtown Unit 8'x20'), shall consist of:

1. The architectural cover sheet for the subject site that lists the appropriate architectural sheets in the set approved and on file with the department.
2. The foundation plans and calculations; ground anchor tie down details and calculations.
3. Additional sheets and information necessary to detail and identify the actual construction work being performed at the site, and plot plan showing the placement of Espresso building on the site and toilet facility location.
4. Drawings/plans and details for plumbing, handicap accessibility, exterior stairs/ramp, stoops/railings, crawl space vents, and frame or crawl space skirt.

5. The name and model number of each heating/air-conditioning unit. Proof of compliance with **Chapter Comm 64** for heating units must be submitted for review. No open combustion space heating equipment is allowed within the building.

Changes, additions or deletions to sheets included with the master set shall be submitted to and approved by the department as a revision to this evaluation prior to use with submittals for individual site locations. This evaluation shall be revised and updated to reflect these changes, additions or deletions.

Submittal of plans for individual site approval shall comply with the provisions of **Chapter Comm 50** and local submittal requirements except as noted in this evaluation. The Building Product Evaluation Number (200201-A) for the Espresso building (Midtown Unit 8'x20'), shall be indicated on the application form and on the plans for the individual site location.

The construction of the Espresso building (Midtown Unit 8'x20'), at Shawn Huddleston Construction, Inc., shall comply with the conditions of this Building Product Evaluation, the approved plans and the applicable provisions of **Chapters Comm 50, 64 and 69**.

This approval will be valid through **June 30, 2002**, unless manufacturing modifications are made to the product or a re-examination is deemed necessary by the department. The Wisconsin Building Product Evaluation number must be provided when plans that include this product are submitted for review.

DISCLAIMER

The department is in no way endorsing or advertising this product. This approval addresses only the specified applications for the product and does not waive any code requirement not specified in this document.

Revision Date:

Approval Date: December 13, 2001

By: _____
Lee E. Finley, Jr.
Product & Material Review
Integrated Services Bureau